



PROFESSIONAL MACHINES FOR ADVANCED USERS



The ThinkPad P1 Series is an ultraportable workstation; thin and light, yet packed with professional graphics, processing and storage technologies.

ThinkPad P1

Smarter
technology
for all

Lenovo

A mobile workstation that's truly ultraportable thanks to the carbon-fiber design and clever thermal engineering. No more lugging around heavy 'mobile' workstations, instead users with advanced computing needs can work from wherever they need to. Although just 18.4mm (0.7") thin, it can support a 6-core Intel Xeon™ processor, ECC memory and NVIDIA Quadro® P2000 graphics. There are security features too, like the privacy camera cover, TPM encryption chip and fingerprint reader.



REASONS TO BUY

Designers, analysts and other advanced users expect to work from high-quality displays. The optional 4K screen has 100% color gamut and 1200:1 contrast ratio, which means colors are sharper and data is clearer to read.

Certified or recommended for use with: Adobe Premiere Pro, Adobe After Effects, Adobe Photoshop

Optional 4K display with 1200:1 high contrast ratio screen is ideal for data visualization. Multicore processor options enable users to handle complex spreadsheets and statistical software with ease.



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ThinkPad P1

KEY SPECIFICATIONS

Processor	up to Intel Xeon processor E-2100 or 8th Gen Intel Core i7 processor
Operating System	Powered by Windows 10 Pro for Workstations
Display	15.6" screen, 4K (3840x2160), WVA, 1200:1 contrast ratio, 100% gamut (touch) 15.6" screen, Full HD (1920x1080), WVA, 700:1 contrast ratio, 72% gamut
Touchscreen	touchscreen on 4K display with optional Lenovo Pen Pro
Graphics	up to NVIDIA Quadro P2000
Memory	up to 64GB DDR4-2666, ECC or non-ECC
Storage	up to 2x 2TB M.2 PCIe NVMe optional RAID 0/1
Audio	2x 2W stereo speakers Dolby Premium Audio for Speakers Dolby Atmos for Headphone Dual array mics
Battery†	up to 13.87hrs, 80Wh
Power Adapter	135W Slim Tip
Camera	One of the following 720p + IR without ThinkShutter 720p with ThinkShutter
Keyboard	Backlit, spill-resistant keyboard
Color	Black
Dimensions	From Width: 361.8mm (14.24") Depth: 245.7mm (9.67") Height: 18.4mm (0.72"), non-touch models
Weight	starting at 1.7kg (3.76lb), non-touch models

GREEN CERTIFICATIONS

EPEAT Gold (US only). ENERGY STAR 6.1.

OTHER CERTIFICATIONS

MIL-STD-810G military testing

CONNECTIVITY

I/O Ports	2x USB 3.1 Gen 1 (1x Always On), 2x USB-C / Thunderbolt 3 (power delivery and DisplayPort), HDMI 2.0, Ethernet extension connector, audio combo jack, SD card reader
WLAN + Bluetooth	Intel 9560 11ac, 2x2 + BT5.0
Docking	Compatible with Thunderbolt™ 3, Side Mechanical dock and USB 3.0 & USB-C docking solutions

SECURITY & PRIVACY

Fingerprint Reader
Smart Card Reader
Discrete TPM 2.0

IR Camera with Windows Hello
Kensington lock slot

MANAGEABILITY

Intel vPro (optional)

ISV CERTIFICATIONS

ALLPLAN, ANSYS, Adobe After Effects, Adobe Photoshop, Adobe Premiere Pro, Altair HyperWorks, Autodesk Alias, Autodesk AutoCAD, Autodesk Inventor, Autodesk Revit, Autodesk VRED, Avid Media Composer, Bentley MicroStation V8i, CONNECT Edition, LumenRT, DS (CATIA, DELMIA, ENOVIA), DS 3DEXPERIENCE, DS SOLIDWORKS, Esri ArcGIS Desktop, PTC Creo, Siemens Solid Edge, Vectorworks

Recommended for this device



ThinkPad Thunderbolt 3 Workstation Dock Gen 2

Provides up to 170W of power for a ThinkPad mobile workstation or laptop via a single cable

5x USB3.1 (1x always-on for charging mobile devices), front-facing Thunderbolt 3 port for 40Gbps data transfer

2x DisplayPort, 2x HDMI - connect up to 3x 4K displays

Information presented here may represent the maximum possible configurations for this product, but it does not necessarily reflect what is available in your region. Please ask your rep or check the specifications for specific Part Numbers in your region. † Based on testing with MobileMark 2014. Battery life varies significantly with settings, usage, and other factors. © 2020 Lenovo. Products are available while supplies last. Lenovo is not responsible for photographic or typographic errors. Lenovo, the Lenovo logo, ThinkPad, ThinkCentre, ThinkBook, ThinkStation and ThinkVision are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of others. Depending on factors such as the processing capability of peripheral devices, file attributes, system configuration and operating environments, the actual data transfer rate of USB connectors will vary and is typically slower than published standards.